

XP-002254179

BEST AVAILABLE COPY

AN - 1991-321508 [44]

AP - JP19900011047 19900119

CPY - KOMA-I

DC - E13 L02 S03

DR - 0411-U

FS - CPI;EPI

IC - B01J13/02 ; C04B14/02 ; C04B20/00 ; G01N33/38

MC - E10-A01 L02-D13

- S03-E14D1

M3 - [01] D013 D016 D111 G013 G019 G100 H4 H402 H442 H8 J5 J521 L9 L942 M1

M113 M119 M150 M280 M320 M412 M511 M520 M532 M540 M781 M903 M904 M910

P832 Q453 Q505 R023; R00411-U

PA - (KOMA-I) KOMATSU Y

PN - JP3215334 A 19910920 DW199144 000pp

PR - JP19900011047 19900119

XA - C1991-138874

XIC - B01J-013/02 ; C04B-014/02 ; C04B-020/00 ; G01N-033/38

XP - N1991-246406

AB - J03215334 Aggregates are added to fresh concrete so that it may be destroyed together with the concrete at the site of the breakage or crack when concrete is hardened.

- The aggregate comprises a dye soln. or a reagent soln. capable of reacting with concrete components or with air so that they may react upon breakage or cracking.

- The aggregate pref. contains reagent soln. such as 1% phenolphthalein ethanol soln. encapsulated in a thin film of, most pref., water glass, and further covered with a thin crust of cement.

- USE/ADVANTAGE - Facilitates visual inspection of cracks or breakages or concrete. (3pp Dwg.No.0/0)

CN - R00411-U

IW - AGGREGATE FINDER CRACK CONCRETE CONTAIN DYE REAGENT SOLUTION REACT
CONCRETE COMPONENT AIR BREAK CRACK CONCRETE

IKW - AGGREGATE FINDER CRACK CONCRETE CONTAIN DYE REAGENT SOLUTION REACT
CONCRETE COMPONENT AIR BREAK CRACK CONCRETE

NC - 001

OPD - 1990-01-19

ORD - 1991-09-20

PAW - (KOMA-I) KOMATSU Y

TI - Aggregates for finding cracks in concrete - contains dye or reagent soln. which reacts with concrete components or air upon breakage or cracking of concrete